

PART A

Question 1

Count1	Count2	Total	Count2<5	Count1<3	Output
0	0	0			
1	1	0	True		
1	2	1	True		
1	3	3	True		
1	4	6	True		
1	5	10	True		
1	5	10	False	True	
2	5	10	False	True	
3	5	10	False	False	10, 3, 5

Question 2

m	n	Output
12	5	17
15	10	25
5	17	0
8	8	8
20	15	60

Question 3

Question	Instruction
(i)	years < 1
(ii)	Y <= years
(iii)	AVG = totalRF / TM
(iv)	M <= month
(v)	Y = Y + 1
(vi)	rainfall < 0
(vii)	totalRF = totalRF + rainfall

Question 4

No.	vehicleID	vehicleYear	vehicleType	vehiclePrice (RM)	discount	discountedPrice (RM)
1.	V0001	2015	superbike	18,000.00	0.03	17,460.00
2.	V0002	2012	car	55,000.00	0.05	52,250.00
3.	V0003	2014	car	43,000.00	0.05	40,850.00
4.	V0004	2014	superbike	21,000.00	0.04	20,160.00
5.	V0005	2016	car	63,000.00	0.04	60,480.00

Question 5

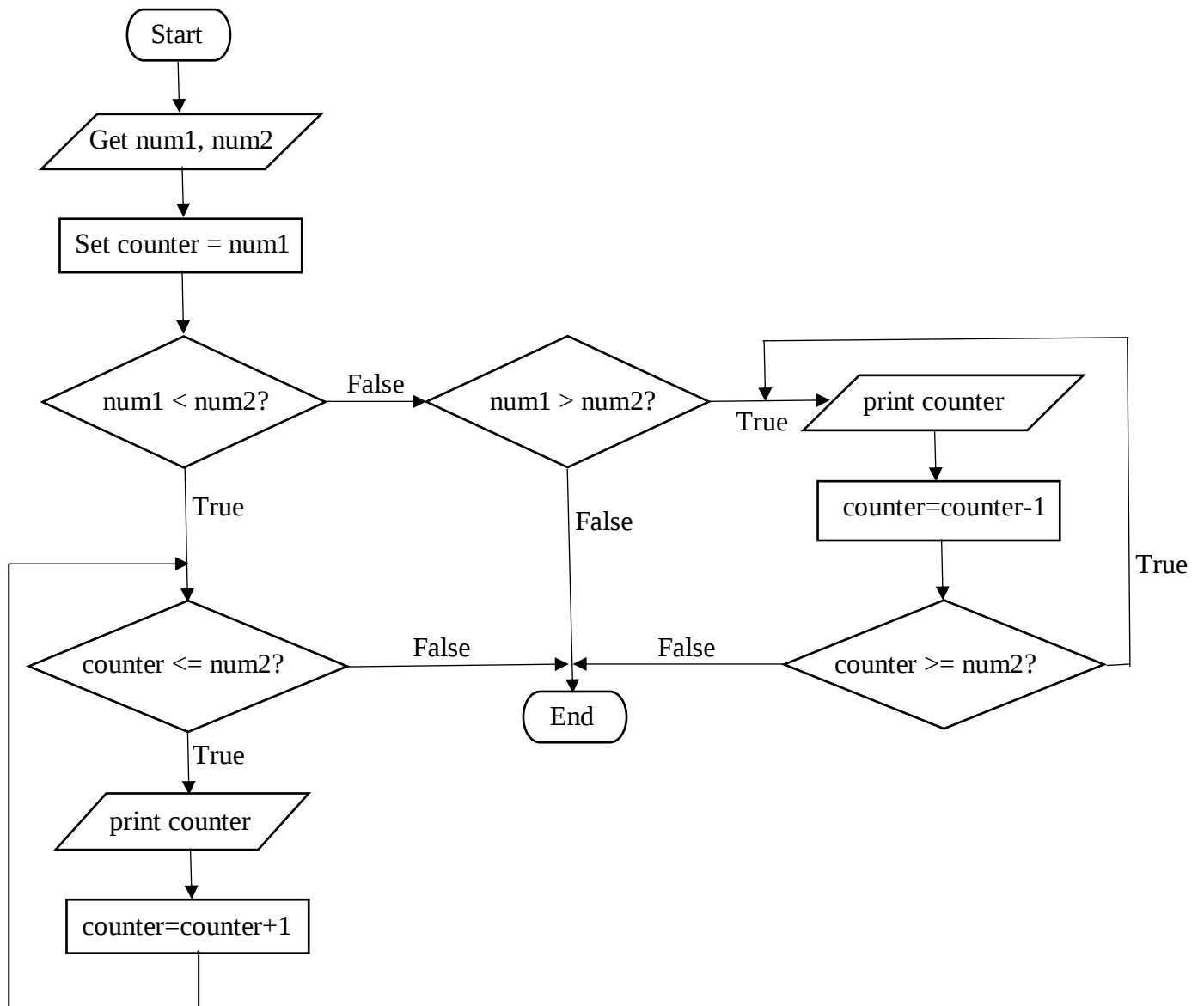
A	B	X	X<5	Z
3	5	0		8
4	4	1	Yes	3
5	3	2	Yes	2
6	2	3	Yes	3
7	1	4	Yes	6
8	0	5	No	

P	Q	R	(P%2=0) && (Q%2=0)	P<Q
3	5	8	No	Yes
4	4	3	Yes	
5	3	2	No	No
6	2	3	Yes	
7	1	6	No	No

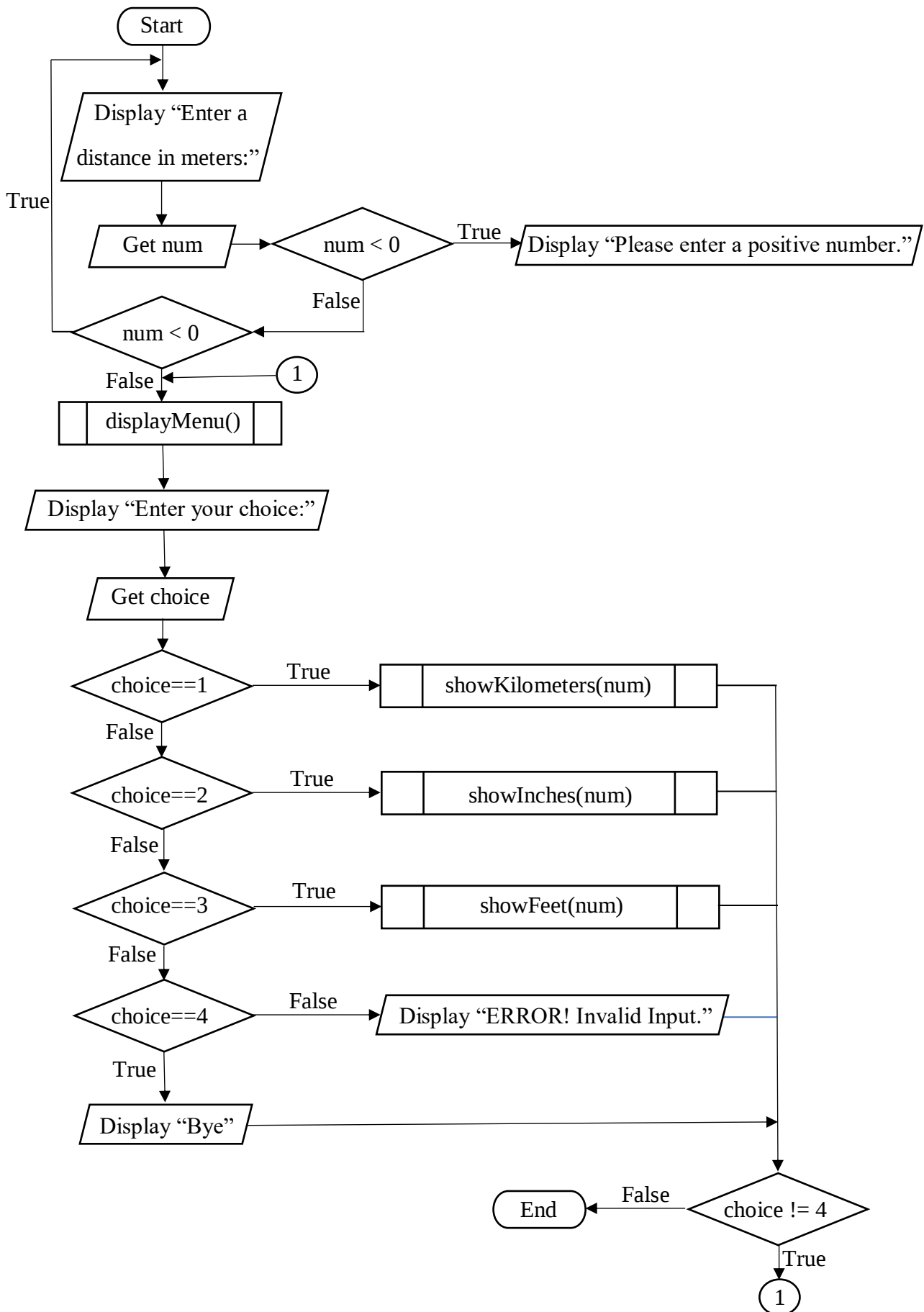
Question 6

No.	number	totalPay	Output
(i)	0	-	Program Ends
(ii)	1	700	Household, 700
(iii)	2	200	Commercial, 200
(iv)	3	2800	Industrial, 2800
(i)	4	-	Program Ends

Question 7



PART B



PART B cont'd

